

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	((voiced and unvoiced) or (pitch or fundamental)) and ((discriminat\$4 or differentiat\$4) with (signal or chanel)) same (zero crossing) and (speech and music)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/27 16:43
L2	55	((voiced and unvoiced) or (pitch or fundamental)) and ((discriminat\$4 or differentiat\$4) with (signals or channels)) same (zero crossing) and (speech and (music or noise))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/27 16:44
L3	257	704/214.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/27 18:23
L4	97	704/213.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/27 18:23
L5	501	704/223.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/27 18:23
S45	771	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 15:18
S46	183	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 12:22
S47	65	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing and speech and music	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 12:23
S49	2	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or chanel) and zero crossing same speech with music	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 12:23
S50	16	("20010023395"   "5717823"   "5734789"   "5751903"   "5778335"   "6108626"   "6134518"   "6240387"   "6310915"   "6311154").PN. OR ("6647366").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/26 14:45

## EAST Search History

S51	0	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) near2 speech (signals or channel) near3 music (signal or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 16:09
S52	3	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) near2 speech (signals or channel) and music (signal or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 15:20
S53	21	("4284846"   "4736429"   "4920568"   "4991216"   "5131043"   "5220610").PN. OR ("5611019").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/26 15:59
S54	1	"5865626".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/26 15:59
S55	25603	(discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 16:10
S57	3	(discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel) same music same speech and zero\$crossing	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 17:16
S58	3	(discriminat\$4 or differentiat\$4 or separat\$3) same (two or multiple or plurality) near2 (signals or channel) same music same speech and zero\$crossing	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 17:17
S59	20	(discriminat\$4 or differentiat\$4 or separat\$3) same (two or multiple or plurality) near2 (signals or channels) and music and speech and zero\$crossing	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 17:17
S60	44	(discriminat\$4 or differentiat\$4 or separat\$3) near2 (two or multiple or plurality) near2 (signals or channel) same music same speech	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 17:27
S61	34	(voiced and unvoiced and (pitch or fundamental)) and (discriminat\$4 or differentiat\$4 or separat\$3) with (signals or channels) and zero crossing and speech with music	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/10/26 17:31